

**TOP SECRET**

BYE-35165/65  
Copy No. 2 of 11 Copies  
1 FEB 1965

EDD A  
RS ✓  
RP ✓  
KB ✓  
WC ✓  
DB ✓  
NM ✓  
PA ✓  
RG ✓

MEMORANDUM FOR: Assistant Director for Special Activities  
SUBJECT: U-2 Kill Probability

1. Enclosed are the preliminary results of a vulnerability investigation of the U-2 aircraft. Computer simulation of the SA-2 warhead and fuze complex and vulnerability modeling of the aircraft were performed by personnel of the Ballistic Research Laboratories at the request of and in coordination with OSI.
2. A formal study detailing the final results, along with the associated technical input data will be provided within one month.
3. The two enclosed graphs present kill probabilities (single shot) as a function of miss distance for both the SAC (J57 engine) and Agency (J75 engine) configurations.



25X1

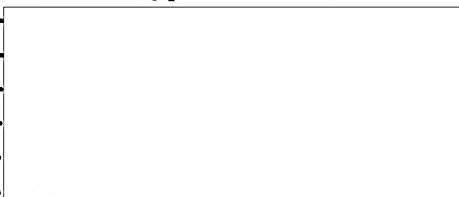
DONALD F. CHAMBERLAIN  
Assistant Director  
Scientific Intelligence

Attachments:  
As stated

Distribution:

25 YEAR RE-REVIEW

- Cy. 1 & 2 - Addressee
- Cy. 3
- Cy. 4
- Cy. 5
- Cy. 6
- Cy. 7
- Cy. 8 & 9



25X1

HANDLE VIA **BYEMAN** CONTROL SYSTEM  
PROJECT **IDEALIST**

10 - DSD/SI

11 - ADB/DSD/SI

OSI/DSD/ADB:

pcw

(28 January 1965)

**TOP SECRET**

25X1

**Page Denied**

Next 1 Page(s) In Document Denied